

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eugene MAKEYEV et al.
Title: SOLUBLE RNA POLYMERASE PROTEIN AND METHODS
FOR THE USE THEREOF
Int'l. Appln. No.: PCT/FI2003/000776
Int'l. Filing Date: 10/17/2003
Examiner: Unassigned
Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, and within three (3) months of the mailing date of the foreign search report.

RELEVANCE OF EACH DOCUMENT

The documents being cited in the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding international application. A copy of the International Search Report is attached setting forth the portion of the documents considered relevant by the examiner. A copy of the cited references listed in the Search Report is not being submitted herewith.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form 1449B/PTO be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 21 April 2005

By Stephen A. Bent

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: April 21, 2005 <i>(use as many sheets as necessary)</i>				Complete if Known Application Number Unassigned Filing Date April 21, 2005 First Named Inventor Eugeny Makevey et al. Group Art Unit Unassigned Examiner Name Unassigned Attorney Docket Number 034144-0104	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	2001/023067 A1		SCHIEBEL WINIFRED et al.	9/20/2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A2		WO 00/50581		UNIVER ROMA	8/31/2000		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A3	International Search Report of PCT/FI03/00776.	
	A4	Eugene V. MAKEYEV et al., "Cellular RNA-Dependent RNA Polymerase Involved in Posttranscriptional Gene Silencing has Two Distinct Activity Modes", MOLECULAR CELL, vol. 10, December 2002, pp. 1417-1427.	
	A5	DATABASE GENBANK [Online] XP002278532, Database accession no. CAC10121 100% identity in 1026/1402 a.a. of SEQ ID No. 4, 100% identity in 1402/1402 a.a. of SEQ ID No. 2 *Abstract.	
	A6	Winfred SCHIEBEL et al., "RNA-directed RNA Polymerase from Tomato Leaves", The Journal of Biological Chemistry, vol. 263, no. 16, 1993, pp. 11851-11857.	
	A7	Caterina CATALANOTTO et al., "Involvement of small RNA's and Role of the qde genes in the gene silencing pathway in Neurospora", GENES & DEVELOPMENT, vol. 16, no. 7, 4/1/2002, pp. 790-795.	
	A8	Carlo COGONI et al., "Gene silencing in Neurospora crassa requires a protein homologous to RNA-dependent RNA polymerase", NATURE, vol. 399, May 13, 1999, pp. 166-169.	
	A9	Carlo COGONI et al., "Isolation of quelling-defective (qde) mutants impaired in posttranscriptional transgene-induced gene silencing in Neurospora crassa", PROC. NATL. ACAD. SCI., vol. 94, September 1997, pp. 10233-10238.	

Examiner Signature	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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